

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

TITLE V/SYNTHETIC MINOR No. V-08-011

LOGAN ALUMINUM, INC.

RUSSELLVILLE, KY

August 25, 2008

HOSSEIN RAKHSHAN

Source I.D. #: 021-141-00038

Source A.I. #: 2761

Activity #: APE20070005

SOURCE DESCRIPTION:

Logan Aluminum is a secondary aluminum processing facility located in Russellville, KY. The plant produces rolled aluminum from recycled scrap and aluminum sows/pigs. Scrap aluminum is scalped, melted and refined with additional sows/pigs in several Group 1 and Group 2 furnaces. After processing, molten aluminum is cast into ingots that are then pre-heated, rolled, pretreated and finally coated before shipping to customers. Logan has only recently created significant secondary aluminum smelting capacity with the construction of the Multichamber Furnace in 2007. Prior to the construction of this unit, the plant was classified as an aluminum rolling mill only.

U.S. EPA REVIEW:

The U.S. EPA was notified of the issuance of the proposed permit on July 11, 2008 via e-mail. The comment period expired 45 days from the date of e-mail. EPA did not object to the proposed permit, however, on August 18, 2008, the Division was in receipt of three significant comments via email from the U.S. EPA. See the Statement of Basis for more details. The permit is now being issued final.